



Rectus Quadratus

by Arya Akhavan

Angles for R.I. = 1.650

29 + 4 girdles = 33 facets

4-fold, mirror-image symmetry

96 index

$L/W = 1.000$ $T/W = 0.301$ $U/W = 0.301$

$P/W = 0.465$ $C/W = 0.186$

$Vol./W^3 = 0.269$

PAVILION

| | | | |
|----|--------|-------------------------|---------------------|
| P1 | 44.18° | 96-24-48-72 | Cut to centerpoint. |
| G1 | 90.00° | 96-24-48-72 | Set stone size. |
| P2 | 41.18° | 01-23-25-47-49-71-73-95 | Meet P1, G1 |

CROWN

| | | | |
|----|--------|-------------|-------------------|
| C1 | 37.12° | 96-24-48-72 | Set girdle width. |
| C2 | 27.51° | 01-25-49-73 | Meet G1, C1 |
| C3 | 21.43° | 02-26-50-74 | Meet C1, C2 |
| C4 | 17.54° | 03-27-51-75 | Meet C2, C3 |
| T | 0.00° | Table | Meet C3, C4 |

For this stone, I just wanted something quick, easy, and with a very non-standard presentation. So, I went with a very simple pavilion, and a very clear spiral pattern on the crown, using lots of right angles, hence the name! I like this in hiddenite, but it can be cut in materials from feldspar to CZ (RI = 1.52 - 2.16) with no changes.

Suggested size = 6-12 mm

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